

# Salmon Program

## State Recovery Projects

### Application Project Summary

<b>TITLE:</b> Tarboo Dabob Bay Acquisition and Restoration			<b>NUMBER:</b> 09-1660C (Combined)
			<b>STATUS:</b> Application Submitted
<b>APPLICANT:</b> Northwest Watershed Institute			<b>CONTACT:</b> Peter Bahls (360) 385-6786
<b>COSTS:</b>			<b>SPONSOR MATCH:</b>
RCO	\$262,500	75 %	Donated Labor \$7,500
Local	\$87,500	25 %	Donated Property Interest \$80,000
Total	\$350,000	100 %	

#### DESCRIPTION:

After several years of scientific assessment and public discussion, DNR recently approved expansion of the Dabob Bay Natural Area to provide long-term, comprehensive protection to the Tarboo-Dabob Bay and its high quality estuarine habitats. This designation will permanently protect 2000 acres of state timber land around the steep slopes of the bay and allows DNR to work with private landowners to acquire private lands for inclusion in the Preserve. Tarboo-Dabob Bay is identified as one of the largest and least impacted salt marsh complexes remaining in the Straits and Hood Canal region, provides important juvenile rearing habitat for summer chum and Chinook salmon, and is a high priority (Domain 2) in the HCCC Restoration Strategy and 3-Year plan. Most of the western shore of Tarboo Bay (inside the saltmarsh spits) is already protected, with the exception of five shoreline lots located between the DNR Natural Area Preserve and the WDFW Lower Tarboo Creek Preserve. This project will protect and restore two of these shoreline lots, as a Phase I project, by purchase of a conservation easement that will be conveyed to the Jefferson Land Trust. A total of 3 acres low bank waterfront, riparian forest and saltmarsh shoreline, and the lower end of a small freshwater stream will be protected, with riparian restoration occurring on one of the lots.

#### LOCATION INFORMATION:

**LEAD ENTITY ORG:** Hood Canal Coor Council LE

#### COUNTY:

#### GOAL & OBJECTIVE:

The goal of the project is to protect and restore estuarine and nearshore conditions and processes in the marine environment.

The objective of the project is to protect and restore shoreline habitat diversity and function.

The goal of the project is to protect and restore native riparian vegetation along salmon bearing streams.

The objective of the project is to protect and restore natural streamside vegetation, improve stream temperature, reduce erosion, filtration, and recruit large woody debris.

#### PERMITS ANTICIPATED:

None - No permits Required

#### SALMON INFORMATION: (\* indicates primary)

##### Species Targeted

Chinook

Chum\*

Coho

Searun Cutthroat

Steelhead

##### Habitat Factors Addressed

Estuarine and Nearshore Habitat\*

Riparian Conditions

Water Quality

**LAST UPDATED:** June 19, 2009

**DATE PRINTED:** June 25, 2009

# Development/Restoration Cost Estimate Summary

Northwest Watershed Institute

09-1660 C

Tarboo Dabob Bay Acquisition and Restoration

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Element/Item	Unit	Quantity	Unit Cost	Total Cost	Description Needed	Description
<b>Worksite #1, Tarboo Bay</b>						
<b>Estuarine/Marine Nearshore</b>						
Plant removal/control	Acres	1.50	\$2,000.00	\$3,000.00	Optional	remove non-native plants
Riparian plant materials	Each	500.00	\$2.00	\$1,000.00	Describe species	native riparian trees and shrubs and protectors and stakes
Riparian plant installation	Sq ft	40,000.00	\$0.08	\$3,000.00	Describe	planting plan, planting, and installation of protectors
Landfill/debris removal	Cubic yds	1.00	\$3,000.00	\$3,000.00	Optional	removal of debris, structures, gravel
Clear and grub	Sq ft	.50	\$3,000.00	\$1,500.00	Optional	rip compacted soils with excavator
Woody debris placement	Each	10.00	\$200.00	\$2,000.00	Describe	place large logs in riparian area
<b>Project Tax Amount</b>				\$0.00		
<b>Project A&amp;E Amount</b>				\$0.00		
<b>Project Total Costs</b>				<b>\$13,500.00</b>		

## Cost Estimates By Property

Northwest Watershed Institute

09-1660 C

Tarboo Dabob Bay Acquisition and Restoration

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### Worksite: #1, Tarboo Bay

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#### Detailed Property Information

Property Name: Tarboo Bay - Ingebretsen North  
Acreage to be Purchased: 1.50  
Date to be Acquired: 6/1/2010  
Value Determination: Estimate of Value

Property Grantor: John and Jeanne Ingebretsen  
Ownership Instrument: Easement  
Purchase Type: Less than fee ownership  
Term Length: Perpetuity  
Expiration Date: N/A

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#### Acquisition Cost Estimate for Tarboo Bay - Ingebretsen North Property

##### Allowable land costs

Easement - conservation	\$140,000.00	
<b>Sub-Total</b>		<b>\$140,000.00</b>

##### Incidentals

Baseline inventory	\$4,000.00	
Closing	\$600.00	
Stewardship Plan	\$2,500.00	
Title reports/insurance	\$1,000.00	
Recording fees	\$150.00	
Appraisal and review	\$10,000.00	
<b>Sub-Total</b>		<b>\$18,250.00</b>
		<b>\$158,250.00</b>

## Cost Estimates By Property

Northwest Watershed Institute

09-1660 C

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### Detailed Property Information

Property Name: Tarboo Bay-NWI  
Acreage to be Purchased: 1.50  
Date to be Acquired: 6/1/2010  
Value Determination: Estimate of Value

Property Grantor: Northwest Watershed Institute  
Ownership Instrument: Easement  
Purchase Type: Less than fee ownership  
Term Length: Perpetuity  
Expiration Date: N/A

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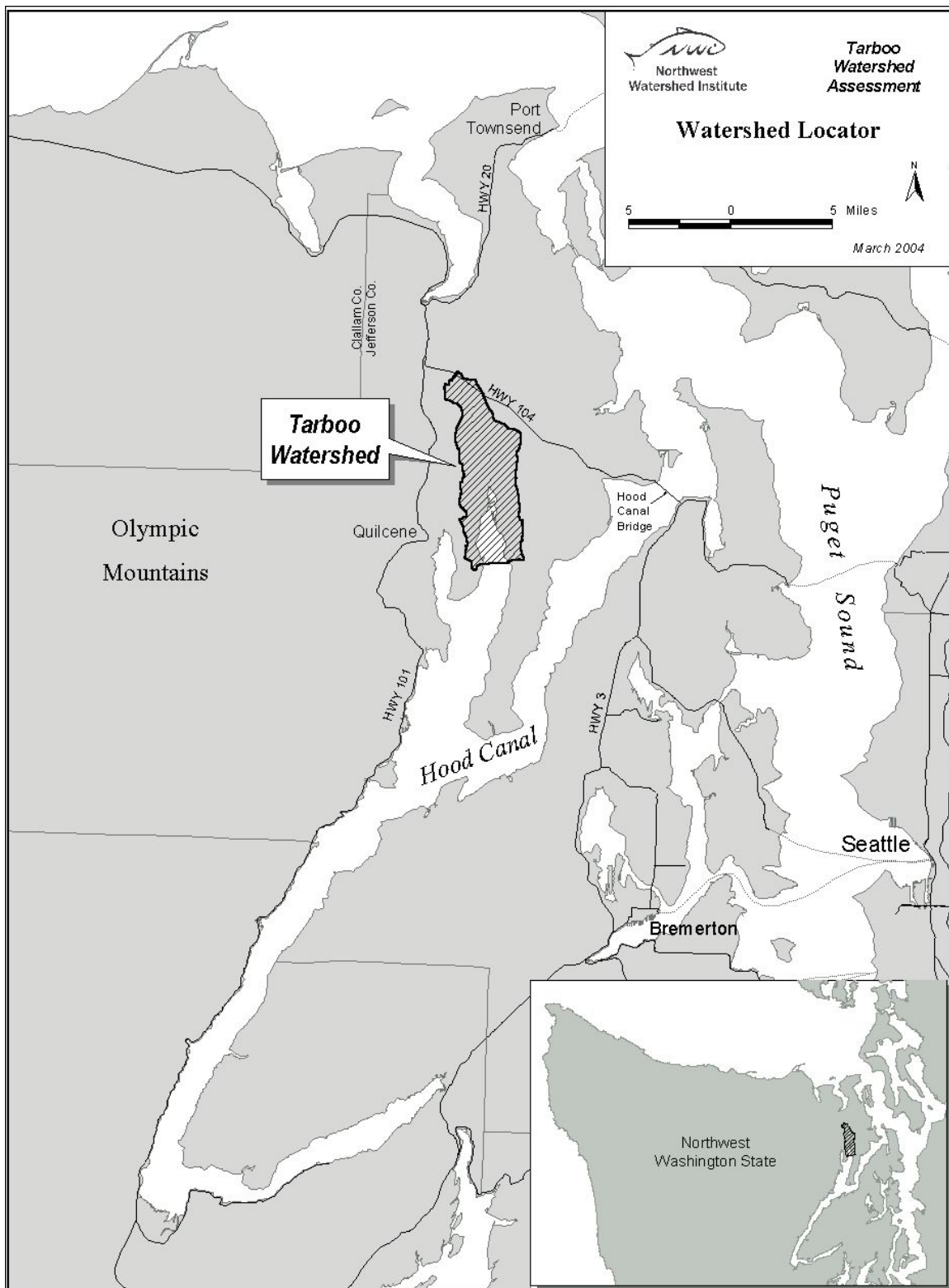
### Acquisition Cost Estimate for Tarboo Bay-NWI Property

#### Allowable land costs

Easement - conservation	\$150,000.00	
<b>Sub-Total</b>		<b>\$150,000.00</b>

#### Incidentals

Closing	\$600.00	
Stewardship Plan	\$2,500.00	
Title reports/insurance	\$1,000.00	
Baseline inventory	\$4,000.00	
Recording fees	\$150.00	
Appraisal and review	\$10,000.00	
<b>Sub-Total</b>		<b>\$18,250.00</b>
		<b>\$168,250.00</b>

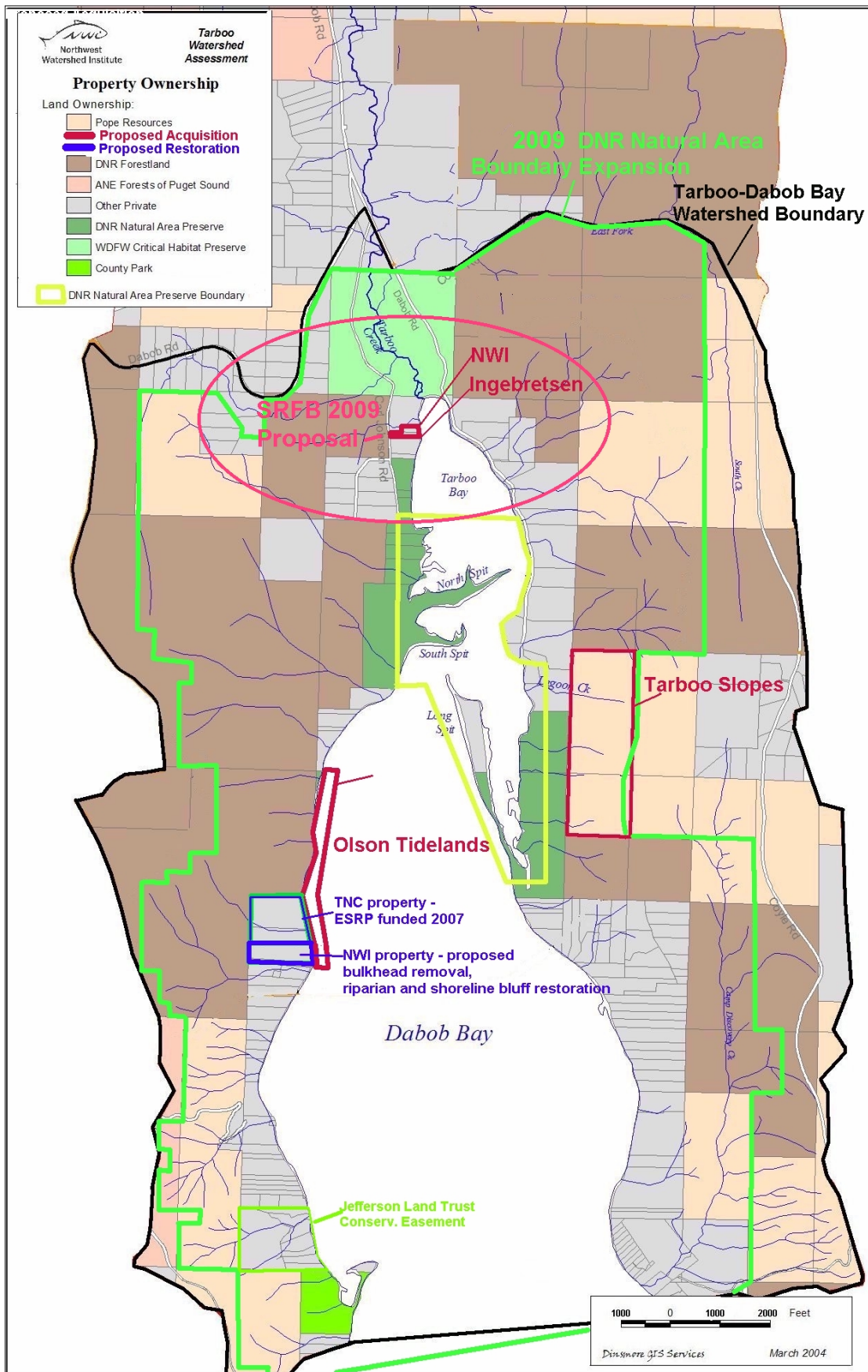


**Figure 1. The Tarboo watershed is located in northern Hood Canal, Washington.**

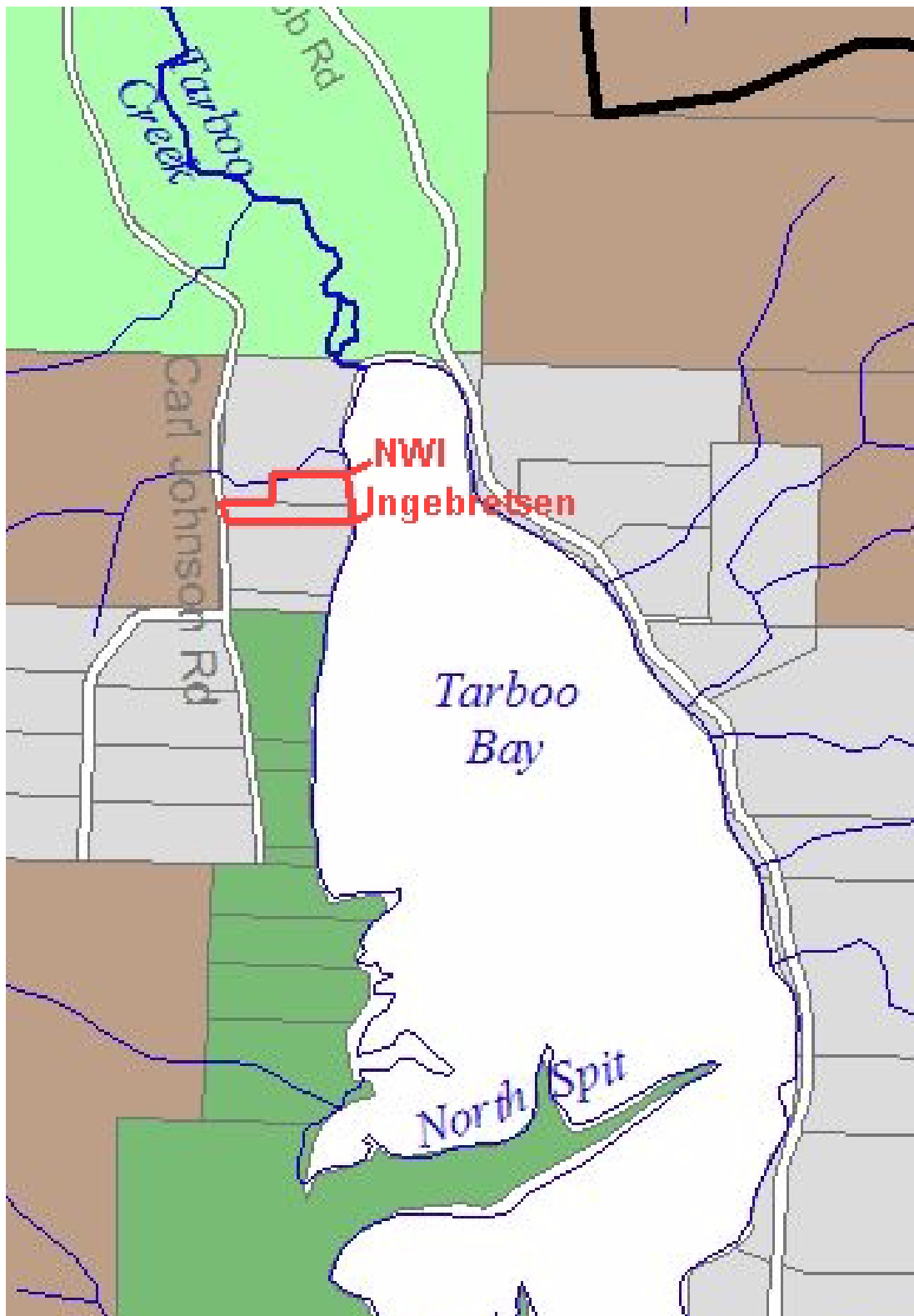


**Figure 2. View north of Tarboo-Dabob Bay.**





**Figure 2. Tarboo-Dabob Bay, showing recent projects and proposed projects with Dabob Bay Natural Area.**



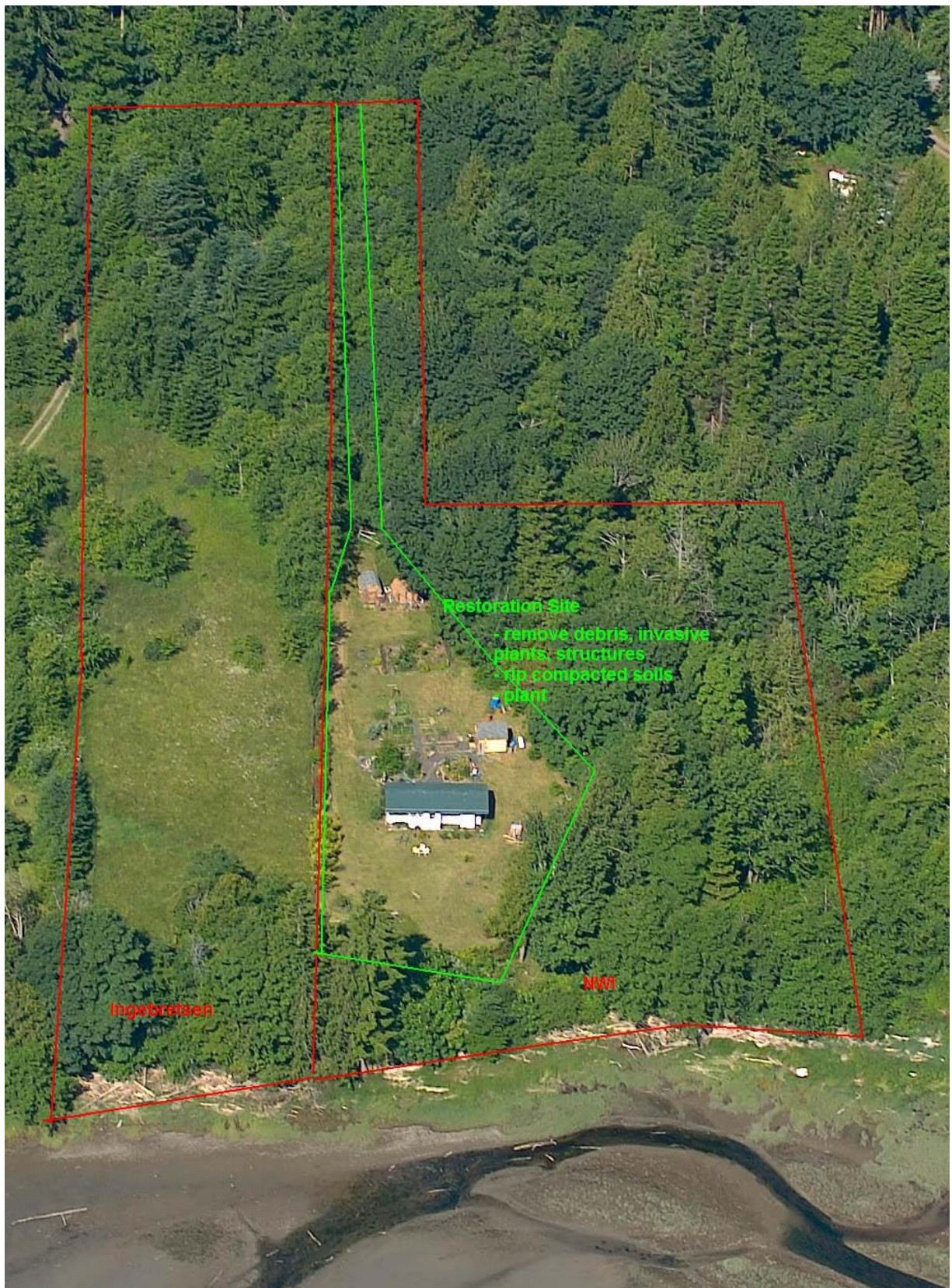
**Figure 3. Proposed acquisition and restoration of two shoreline parcels between WDFW Lower Tarboo Creek Preserve and DNR Dabob Bay Natural Area Preserve**





**Figure 4. Proposed project (red) and potential future project (blue)**





**Figure 5. Restoration site (green) within NWI parcel.**





**Figure 6. View north along shoreline of NWI inner Tarboo Bay property**



**Figure 7. View south of Ingebretsen inner Tarboo Bay shoreline and riparian.**